

## First Section: MySchoolAccount activity

1. Create new empty activity and name MySchoolAccount (Step by step are discussed when created the AboutTheApp activity.)
  - When create new activity, it will automatically create 2 files. In this case, we will have MySchoolAccount.java and activity\_my\_school\_account.xml
  - As we put onClick function on the activity\_main.xml for the first button, we will use that function to display MySchoolAccount activity when user clicks the first button.
  - Go to MainActivity add following codes: (these line of codes work the same as the social media icons.)

```
//MySchoolAccount
public void StartAccount (View v) {
    startActivity(new Intent(this, MySchoolAccount.class));
}
```

2. Next, go to AndroidManifest.xml to give the MySchoolAccount activity title, back button to the main page and a theme.

- Add following codes (similar to AboutTheApp, go back for reference)

```
<activity android:name=".MySchoolAccount"
    android:label="Account"
    android:theme="@style/customTheme"
    android:parentActivityName=".MainActivity"></activity>
```

- In order to have a website load inside your app, you need to add permission to get access to the Internet
- Add this line of code into the to AndroidManifest.xml

```
<uses-permission android:name="android.permission.INTERNET"></uses-permission>
```

3. Next, go to activity\_my\_school\_account.xml to style the UI

- Note\*: we use WebView tag to have a container that can contain a web

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context="com.tando.school.MySchoolAccount">

    <ScrollView
        android:layout_width="match_parent"
        android:layout_height="match_parent">
        <WebView
            android:layout_width="match_parent"
            android:layout_height="match_parent"
            android:id="@+id/webView">
        </WebView>
    </ScrollView>

</LinearLayout>
```

4. Next, go to MySchoolAccount.java add following line of codes

```

package com.tando.school;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.webkit.WebView;
import android.webkit.WebViewClient;

public class MySchoolAccount extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_my_school_account);
        //Cast the WebView class to the webview in the xml file
        WebView webView = (WebView) findViewById(R.id.webView);
        //enable javascript
        webView.getSettings().setJavaScriptEnabled(true);
        //Avoid jumping to browser
        webView.setWebViewClient(new WebViewClient());

        //load the url for the webview

        webView.loadUrl("https://weblogin.csusb.edu/cas/login?service=https%3A%2F%2Fmy.csusb.edu%2Fpaf%2Fauthorize");
    }
}

```

5. In this case, I used CSUSB mycoyote page to illustrate. Each of school always has their own log in page. So, we should share the officially school web page with our app to be more secure.
6. Finally, click run app to see the result

